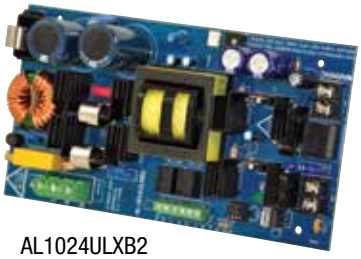
AL1024ULXB2
UL Recognized Power Supply/Charger

Rev. DSAL1024ULXB2_03152013

Overview



AL1024ULXB2

AL1024ULXB2 is a UL Recognized power supply/charger that converts a 115VAC, 60Hz input into a single 24VDC non power-limited output.

Specifications

Agency Listings:
- UL Recognized component for Access Control System Units (UL 294), Power Supplies for Fire Protective Signaling Systems (UL 1481).

Input:
- Input 115VAC / 60Hz, 4.2 amp.

Output:
- 24VDC output.
- 8 amp continuous supply current with 10 amp supply current during alarm.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Maximum Ripple: 250mV P/P

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 3.6 amp.

Battery Backup *(cont'd)*:
- Automatic switch over to stand-by battery when AC fails.
- Zero voltage drop when switched over to battery backup.

Visual Indicators:
- AC input and DC output LED indicators.

Supervision:
- AC fail supervision (form "C" contacts).
- Low battery and battery presence supervision (form "C" contacts).

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- 98.27 BTU/Hr.
- System AC input VA requirement: 483VA.

Mechanical:
- Product weight (approx.): 1.15 lbs. (0.52 kg).
- Shipping weight (approx.): 1.45 lbs. (0.66 kg).

Agency Approvals

UL Recognized component for Access Control System Units (UL 294)
Standard for Safety for Fire Protective Signaling Systems (UL 1481).

Board Dimensions *(L x W x H) (approximate)*:

8.5" (215.9mm) x 4.5" (114.3mm) x 2" (50.8mm)